



Dimetra™ IP Micro

Motorola TETRA for Commercial and Enterprise Applications



Dimetra IP Micro is designed for the world of enterprise, commerce and industry – providing low cost of ownership, migration capabilities, easy maintenance and robust durability to handle all your mobile communications, so you can focus on your business.



For those working in the field, effective and reliable communication is both vital and sometimes challenging. That's why business-critical users value the features and flexibilities offered by Motorola's Dimetra IP Micro. Dimetra IP Micro provides the performance benefits needed by business critical users, in the Commercial and Enterprise sector, including oil and gas, manufacturing, mining, seaports and airports, as well as large hotels, casinos and event management.

Motorola's CEP400 TETRA portable delivers the high performance and dependability required for enhanced workforce productivity and assured user safety. Other significant Motorola TETRA terminals include the MTP850 Ex ATEX radio, certified for use in explosive gas and dust environments.

Dimetra IP Micro links to the Motorola high capacity and high sensitivity MTS 2 and 4 carrier Base Stations and the MCC 7500 Dispatch Console.



Dimetra IP Micro builds on the Motorola Dimetra family of Switches, optimised for industries and commercial customers, looking to increase their communications efficiency and reliability while monitoring and controlling their resources in the field. It also targets customers who are looking for monitoring and controlling best-in-class TETRA systems. These include reliable trunking voice capabilities, data services, full duplex telephony calls and secure two-way radio communications.



Dimetra IP Micro

Benefits

Intelligent Trunking

Dimetra IP Micro is equipped with smart features that enable users to operate efficiently. These include group & individual calls, IP telephony calls semi and full Duplex, busy queuing and call-back, queuing priority, data service on the conventional channel interface, amongst others. The end result is improved efficiency and security.

Cost-Effective Solution

Employing a web-based graphical interface, Dimetra IP Micro is easy to install, operate, deploy and maintain. The base station operates on Ethernet site links, allowing you to minimise your investment by re-using your existing infrastructure. Its remote access feature enables system monitoring and diagnostics to reduce system maintenance cost. The system can be mounted on the wall or fixed on desktops, optimising real estate utilisation, thus providing flexibility and space savings for end users.

Robust and Reliable

The base station provides wireless communication at a site. One of the most powerful base stations in the market with its high power and sensitivity ensuring optimum coverage for your investment. At the heart of each base station is a site controller which manages the local tasks allocated by the main switch, such as subscribers' registration. It runs the intelligence on site independently, taking over control of the communication when the link to the main switch is disrupted. This ensures communication remains available to users at all times.

Ease of Migration

If you have an existing analogue system, Dimetra IP Micro enables you to make use of your existing network while deploying a Motorola TETRA network. This is via interfacing to your existing system allowing it to communicate with TETRA users. That is to ease and smooth your migration, maximising return on your investment until you complete your deployment of the new TETRA network or phase out your existing analogue network. The open standard platform allows users to have a smooth transition migrating from an analogue network to a digital system.

One-Stop Shop

Today, Motorola remains as the leading industry provider of TETRA, driving forward the design, development and deployment of scalable digital TETRA solutions to the next level. Dimetra IP Micro is Motorola's latest addition to the Dimetra IP suite designed with the industrial, commercial and enterprise users in mind.

Oil & Gas, Utilities and Energy

Managing field personnel on the ground in a highly hazardous environments is more efficient with a TETRA system. Dimetra IP Micro provides a high quality communication system with integrated voice and data communications to support daily supervision, dispatching and monitoring of oil workers and security personnel on location.

Factories, Mining and Industrial Users

Beside crisp and clear voice communications, data and applications require a secure and robust communications system. Emergency alarms and calls regarding the safety of the site and the users are becoming more and more a standard critical requirement in such industries. Dimetra IP Micro ensures reliable clear communication paths for such high priority calls.

Transportation (Airports or Seaports)

An ideal solution for flight and/or port operators, it ensures optimum performance in fleet management, communication and monitoring. It also enables automatic location tracking as well as status messaging for improved workforce management.

Hospitality and MICE (Meetings, Incentives, Conventions & Exhibitions)

Clear and crisp communications is critical to the efficient ground operations in any customer service centric environment such as hotel management. Dimetra IP Micro allows easy integration into existing IT infrastructure and telephony systems, for enhanced communications coverage among staff.



Specifications

KEY FEATURES

Plug and Play Instant one-to-many communication. Supports TETRA Voice Services including Group, Individual and Telephony Calls, and Data Services Compatible with Motorola MTS2 and MTS4 TETRA Base Stations and MCC7500 IP Consoles Data Services including interface to customer's enterprise network, IP based Telephone Interconnect, Remote service access. Migration from existing analogue systems.

GENERAL

Dimensions HxWxD	568 x 912 x 226mm
Weight	43kg
Power Consumption (Max)	300W

ENVIRONMENTAL & REGULATORY

Compliant with:

- Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
 - Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on Waste Electrical and Electronic Equipment (WEEE)
 - European Union EMC Directive 2004/108/EC Directive - EN55022, EN55024, EN61000-3-2, EN61000-3-3
 - Low Voltage Directive 2006/95/EC - EN60950-1
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For full details of services supported please contact Motorola Specifications are subject to change without notice and are issued for guidance only. All specifications listed are typical.





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For more information please contact your local Motorola Authorised Dealer or Distributor

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